

ABSTRACT

5 This injector head 1000 comprises a plunger 20 capable of
reciprocating in a direction of movement of a piston 1a in a syringe 1, a
plunger drive 500 for converting rotary motion of a plunger motor 2 to
linear motion in order to supply reciprocation to this plunger 20, and a
safety device 600 as safety means for restraining rotation of a rotary shaft
2a of the plunger motor 2 when the plunger 20 moves beyond a
predetermined position. Thus, it is possible to provide a medical injector
10 head attaining miniaturization and simplification of the apparatus while
keeping a mechanical safety mechanism.